

Converting Colors

Hex(C9A42A)

Have a look what the booklet for
Hex(C9A42A) contains.

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Color

Hex(C9A42A)

Conversions

Conversions Part 1

Format	Color
Hex	C9A42A
RGB	201, 164, 42
RGB Percent	79%, 64%, 16%
CMY	0.2118, 0.3569, 0.8353
CMYK	0.00, 0.18, 0.79, 0.21
HSL	46°, 65%, 48%
HSV	46°, 79%, 79%
XYZ	37.7808, 39.1356, 7.7532
YIQ	161.1550, 61.2140, -30.0980

Conversions

Conversions Part 2

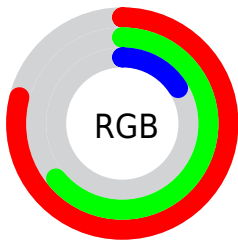
Format	Color
R _{YB}	90, 201, 42
Decimal	13214762
CIE _{Lab}	68.85, 1.90, 63.40
CIE _{LCh}	69, 63.424, 88.281
Yxy	39.1356, 0.4462, 0.4622
Android (android.graphics.Color)	4291404842 (0xFFC9A42A)
YUV	161.1550, -58.7434, 34.9441
Hunter-Lab	62.5584, -1.6762, 36.4428

Details

The Hex color **C9A42A** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **2A4FC9**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFDB62**, and **8F7100** is the 20% darker color. If you saturate the color by 10%, you get **C99F16**, and if you desaturate by 10%, it is **C9A93E**.

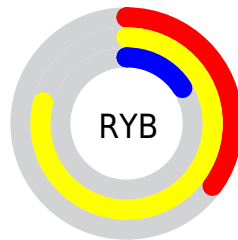
Distribution



Red (79%)

Green (64%)

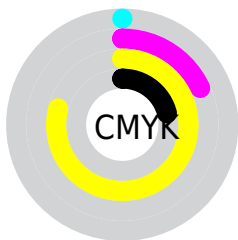
Blue (16%)



Red (35%)

Yellow (79%)

Blue (16%)

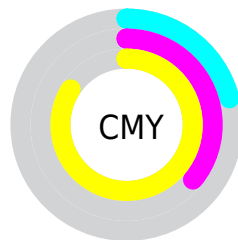


Cyan (0%)

Magenta (18%)

Yellow (79%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9A42A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C9A42A by changing the saturation by 10% instead.

 C9A42A

 C9A42A

FFFFFF

 AC8A01

 FFDB62

 8F7100

 FFF77D

 725800

 FFFF98

 574100

 FFFFFB4

 3C2C00

 FFFFFD1

 231800

 FFFFFEE

 000000

 C9A42A

 C9A42A

 C99F16

 C9A93E

 C99B02

 C9AD52

 C99A00

 C9B266

 C9B77A

 C9BB8F

 C9C0A3

 C9C5B7

 C9C9CB

 C9CEDF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F58E45



C9A42A



90B53A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C9A42A



00C3DD



EA82E5

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C9A42A



2A4FC9

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A39AFF



C9A42A



00BDFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C9A42A



00C3A3



00AFFF



FF73AE

Rectangle

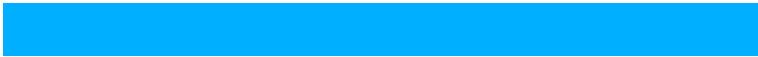
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C9A42A



60BC57



00AFFF



D78AF5

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C9A42A



FFF1C2



C92A4F



80775B



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C9A42A



FFC70D



9FC92A



63615A



A37D00



241B00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2A4FC9



0D45FF



542AC9



5A5C63



0026A3



000824

Previews

White Background



This preview shows how the Hex color C9A42A looks on a white background.

Color Contrast Check

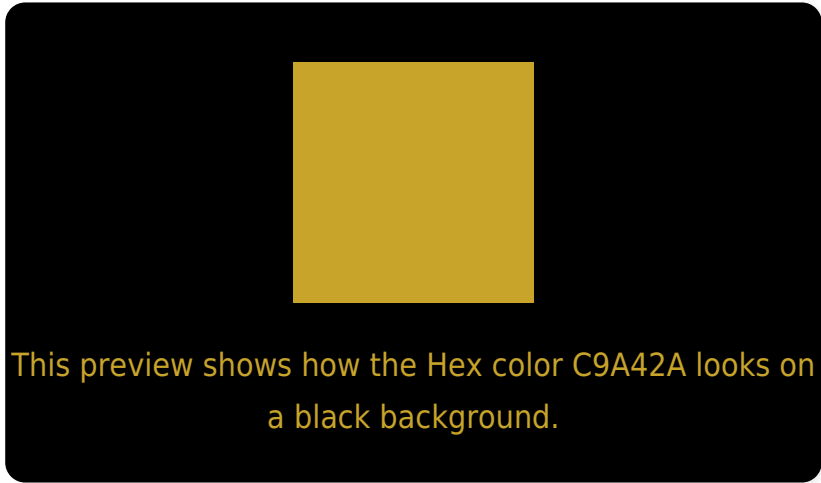
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C9A42A Background



This preview shows how black text looks on a background with the Hex color C9A42A.



This preview shows how white text looks on a background with the Hex color C9A42A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
C9A42A

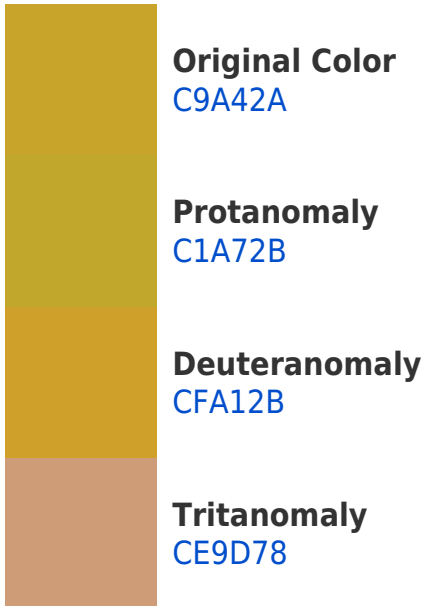
Protanopia
BDA92B

Deuteranopia
D3A02C

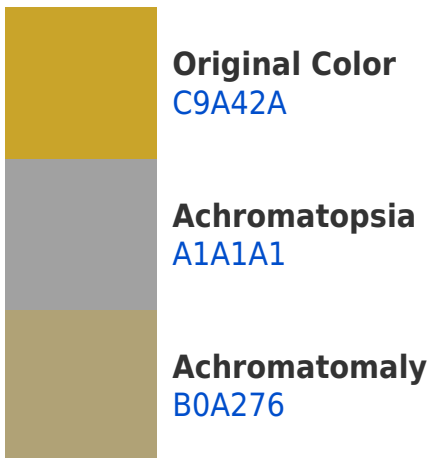


Tritanopia
D199A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9A42A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C9A42A looks like.

```
.text, #text, p{  
    color:#C9A42A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C9A42A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9A42A
}
```

Border

The CSS property to change the border of an element to Hex C9A42A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C9A42A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C9A42A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C9A42A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9A42A; -webkit-box-shadow:4px 4px  
4px 4px #C9A42A; box-shadow:4px 4px 4px  
4px #C9A42A }
```

Background

The CSS property to change the background color of an element to Hex C9A42A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9A42A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C9A42A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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